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ABSTRACT

This abridged adaptation from the BRS System Reference Manual identifies and briefly explains the meanings and functions of the logical operators used to retrieve information from the BRS system. (FM)

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BRS Mini-manual:
A Brief Guide to User Commands

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I. ..S (or ..SEARCH)

A. Controlled vocabulary terms (descriptors)

1. Hyphenate compound terms.

2. Replace a comma with a hyphen.

3. Omit apostrophes.

4. Omit parentheses and include hyphen(s). (In MESH, omit parentheticals altogether.)

5. With numbers, omit commas and apostrophes.

6. Remove slashes.

B. Free text keywords

1. See database guide for entry requirements.

2. Never use commas, asterisks, or decimal points.

C. Numbers: Enclose 1-digit or 2-digit numbers in literals--i.e., '14'--when they don't refer to statement numbers.

D. Hierarchy of operators: The level of the result string of the second operator must be on a level equal to or lower than the level of the previous operator. ADJ-->WITH-->SAME-->

TABLE 3
BRS LOGICAL OPERATORS*

OPERATOR	REQUIRED RELATIONSHIP
OR	Either one or both terms can be anywhere in the document.
AND	Both terms must be in the same document.
NOT	A term must not appear anywhere in a document.
XOR	Either one or the other term must be in the document but not both.
SAME	Terms must be in the same paragraph.
WITH	Terms must be in the same sentence.
ADJ	Terms must be immediately adjacent to one another, in that order.

*From least to most specific

E. Nesting: Use parentheses to clarify relationships among terms--i.e., (ADULT-EDUCATION OR VOCATIONAL-EDUCATION) AND (FEES OR FINANCING).

F. Paragraph qualification

1. NURSING.TI.
(NURSING OR HEALTH).TI.
(PUBLIC ADJ HEALTH).AB.
(NURSING WITH HEALTH).TI.
NURSING.TI. AND SKILLS.TI.
NURSING.MJ,MN,TI.

2. Negative paragraph qualification:
WOOD..AU. (Does not search for term in author field.)

3. Paragraph qualifications with statement numbers:
2 TI. (2 must not contain a document level operand.)

G. Truncation:

1. INFANT$ (Any number of characters may appear after INFANT.)

2. LIBRAR$3 (No more than 3 characters may appear after LIBRAR.)

H. ROOT

1. ROOT INFANT (System displays all terms beginning with INFANT--up to 100--but no result statement.)

2. Each term in a ROOT display has an "R" number, usable until next ROOT function is performed.

3. Select R numbers directly:
R3
R2-5 (OR's terms 2-5)
R6 R8 R12 (OR's nonconsecutive R numbers)
R6.DE. (paragraph qualification to descriptor field)

II. ..P (or ..PRINT)

A. ..P st.# paragraphs/DOC=n

B. Examples:
..P 1 AU,TI,SO/DOC=1 (Causes 1st document to be printed online.)
..P 1 ALL/DOC=1-3 (1st 3 documents printed online.)
..P 1 BIBL/DOC=ALL (All documents printed online.)
..P 1 BIBL,LG/DOC=1,3,10 (1st, 3rd, and 10th documents printed online.)

III. ..L (or ..LIMIT)

A. ..L/st.# paragraph label limit operator criteria

B. Examples:
..L/1 LG EQ EN
..L/2 YR GT 71
..L/3 PT=B
..L/1 LG=EN,FR
..L/1 LG=EN AND YR>73

TABLE 7
LIMIT OPERATORS*

Operator	Symbol	Meaning
eq	=	equal to
ne		not equal to
lt	<	less than
gt	>	greater than
wl		within limits of
ol		outside limits of

*Searchers may enter either the 2-letter operator or the symbol for that operator.

IV. ..SV (or ..SAVE)

A. All statement numbers outstanding will be saved.

B. At least 1 character in SAVE label must be alphabetic.

C. Temporary (1 day)
..SV XXXX (where XXXX is the given SAVE label)

D. Permanent (1 year)

..SV PS(XXXX)

V. ..C (or ..CHANGE): ..C/AAAA (to change to database AAAA, where AAAA is the BRS database label)

VI. ..E (or ..EXEC)

A. The EXECute command must be entered at statement 1.

B. To execute a temporary SAVE:
..E XXXX

C. To execute a permanent SAVE:
..E PS(XXXX)

VII. ..PS (or ..PURGE)

TABLE 8
..PURGE COMMAND OPTIONS

..purge	The immediately previous statement number will be purged.
..purge 1	Statement 1 will be purged.
..purge 1-10	Consecutive statements 1 through 10 will be purged.
..purge 1,5,9	Selective, non-consecutive statements 1,5, and 9 will be purged.
..purge all	All outstanding statement numbers will be purged.
..purge Q0005	Specific offline ..PRINTOFF and ..SEARCHOFF statements will be purged if entered during the same operational day of the original entry; specific ..sdi profiles can be purged at any time.
..purge anxi	A temporary save search label will be purged.
..purge ps(educ)	A permanent save search label will be purged.

VIII. ..SET DETAIL

A. ..SET DETAIL=OFF (Default: search results as a whole are given.)

B. ..SET DETAIL=ON (Results for individual keywords as well as final search results are given.)

C. Use with extreme caution when truncating or ROOTing.

D. Changing databases invalidates SET DETAIL=ON.

IX. ..D (or ..DISPLAY)

TABLE 9
..DISPLAY COMMAND OPTIONS

..display	The statement immediately previous will be displayed.
..display 1	Statement 1 will be displayed.
..display 1-3	Consecutive statements 1 through 3 will be displayed.
..display 1,3	Non-consecutive statements 1 and 3 will be displayed.
..display all	All statements outstanding at the time will be displayed.
..display Q0005	Specific offline (..printoff, ..searchoff, or ..sdi) statements will be displayed.
..display anxi	A temporary savesearch will be displayed.
..display ps(educ)	A permanent savesearch will be displayed.
..display type(ps)	A list of all permanent saves will be displayed.
..display type(sdi)	A list of all Q numbers for stored SDI profiles will be displayed.
..display type(so)	A list of all Q numbers for the searchoffs entered for the last 15 days will be displayed.
..display type(po)	A list of all Q numbers for the printoffs entered for the last 15 days will be displayed.

X. ..T (or ..TIME): Displays connect time in hours and minutes. Does not reset clock. Use before ..CO (or ..COST) if both types of information are needed.

XI ..C (or ..OFF): Logs off.
..OFF CONT (Logs off but allows restart at same point later in day.)

XII. ..SO (or ..SEARCHOFF)

A. Before SEARCHOFF, PURGE statements not related to final SEARCHOFF.

B. ..SO st.# paragraphs/DOC=n/YR=n/ID=identification

C. Examples
..SO 1 BIBL/DOC=ALL/YR=ALL/ID=LAUREN FATH; 4-30-B8
..SO 3 ALL/DOC=1-25/YR=7577/ID=BILLY SAPP; BIOLOGY DEPT.
..SO 5 AN,AU,TI,SO/DOC=5,9,14/YR=76/ID=JOYCE CARROLL;925 Elm, Atlanta

D. Multiple elements in ID parameter are separated with a semicolon.

E. Year(s) parameter

1. YR=ALL (Covers entire database, excluding years available online.)
YR=69 or YR=1969 (One year--except in MESH, INSPEC, CAIN, and NTIS.)
YR=6974 (To search consecutive years.)
YR=69,74 (To search 1969 and 1974--except in MESH, INSPEC, CAIN and NTIS.)

2. MESH and INSPEC

a. Starting year must be first year of a segment; ending year must be last of year of a segment.

b. MESH segments
1966-1968
1969-1971
1972-1974
1975-1976 (also online)
1977 (also online)

c. INSPEC segments
1970-1974
1975-1976

3. In CAIN and NTIS, only YR=ALL is acceptable.

F. Optional parameters

1. Search strategy will be printed for each year/segment searched unless

a. You add: /SS=N (Follow by slash if not last parameter. No strategy will be printed.)

b. You add: /SS=O (Follow by slash if it is not last parameter. O is the letter O for the word "one". The search strategy will be printed only once.)

2. A major and minor sort in ascending or descending order is possible. The sort parameter must also be enclosed in slashes (not followed by a slash if it is the last parameter). The paragraphs to be sorted must be specified in the paragraphs parameter.

User Input	Action
sort=an	First 50 characters of AN sorted in ascending sequence
sort=an,d	Same as above, except descending
sort=an,ti	Major sort on AN in ascending order; minor sort on title in ascending order
sort=an,d,ti	Same as previous except descending order for AN
sort=an,d,ti,d	Both fields in descending order

3. NOMAIL parameter

   a. Adding /NOMAIL (followed by slash if it is not last parameter) will cause searchoff results to be held in system for printing online the next working day.

   b. Printhold procedure: The next working day after ordering the searchoff

      (1.) Sign in to the HOLD database.

      (2.) Enter the Q number of the searchoff.

      (3.) Order prints online or offline.

TABLE 10

OPTIONS FOR PRINTHOLD PRINTING

all	The total number of documents resulting from all years searched offline will print online without interruption.
me75	The total number of documents in the specified segment will be printed.
doc=1-10	The first 10 consecutive documents in the document range will be printed; any range regardless of segment may be indicated.
doc=1,12,15	The first, the twelfth, and the fifteenth documents in the document range will be printed.
mail doc=all	Requests all documents be printed offline that evening and mailed to the searcher.
mail doc=5-121	Requests a specified range of documents be printed offline that evening and mailed to the searcher.

XIII. ..PO (or ..PRINTOFF)

A. Enter in same format as for ..SO (..SEARCHOFF), except do not specify years.

B. Optional parameters

1. Sort parameter is the same as for ..SO.

2. Search strategy will not be printed unless you add: /SS=Y (followed by slash if it is not last parameter).

C. Printoffs from 1-3 statements can be ordered in the same printoff command, resulting in a separate printoff for each statement. However, only one Q number is assigned.

..PO 1,3,6 BIBL/DOC=ALL/ID=BUNDY, BARRY; B6-5-14

XIV. ..SDI

A. Enter in same format as for ..PO (..PRINTOFF) but without DOC=n parameter.

B. Optional parameters

1. Sort parameter is the same as for ..SO and ..PO.

2. EXPiration date may be added; EXP=YRMO

Example: ..SDI 4 ALL/ID=BARRYMORE, LIONEL/EXP=8101

XV. ..ED (or ..EDIT)

A. Purpose is to modify existing SDI profiles.

TABLE II

EDIT REQUEST OPTIONS

Instruction	Meaning	Function
L	list	The statements which make up the profile as currently stored are listed for review.
C	change	Terms may be added or deleted from any statement by indicating the statement number to be changed, followed by the appropriate new terms when queried by system.
D	delete	Entire search statement/s can be deleted from the profile. Subsequent statements will not be renumbered.
I	insert	New search statements may be inserted into the profile in the appropriate position. Subsequent statements will be renumbered.

L CON	list control	The "control" details of the profile (the original paragraph printing specifications and the ID information) will be listed.
SAVE		Instructs the system to save the modified profile.
END		Instructs the system to end the editing procedure and return to search mode.

B. Use in database of original SDI profile.

C. To enter limit criteria: I ss# L
Example: I 5 L

D. To change paragraph specification: C P(revised paragraph selection).
Example: C P(AN,AU,TI,SO)

E. To modify ID: C ID(new identification).
Example: C ID(MISS PIGGY;DRAMA DEPT.)

F. All editing instructions must be entered as in Table II.

XVI. ..US (or ..USAGE) Use to check level of system activity.

XVII. ..CO (or ..COST)

A. Use to obtain estimated cost for specific database search.

B. Estimate is from the time you signed in to the database or from the last ..CO command, whichever was later.

C. Since ..CO resets clock to zero, use ..T (..TIME) first if you also need to know online connect time.

XVIII. ..MERGE

A. Use to have results of multiple offline prints merged into one printout.

B. Example: ..MERGE Q0195,Q0196,Q0197

C. No more than eight Q numbers may be merged.

D. Identical sort parameters must be in all offline requests to be merged.

E. Individual Q numbers, not M number, will be in HOLD database if NOMAIL parameter is included in searchoff requests.

F. To purge, purge individual Q numbers, not M number.

G. SDI Q numbers cannot be merged.

H. A Q number can be part of only one MERGE.